

CLAIMS

Claims 1-78 (Cancelled)

Claim 79 (Previously Presented) A data reception method for receiving, from a transmitting end, data in packet units, each packet unit containing transmission data, the packet units being received at a receiving end, said data receiving method comprising:

receiving an uncompressed packet in which predetermined transmission data is stored as uncompressed data;

subsequently and continuously receiving compressed packets in which at least a portion of transmission data, following the predetermined transmission data, is compressed and stored as compressed data;

restoring transmission data from a compressed packet to be restored, the transmission data being restored based on update information relating to a packet that is received prior to receiving the compressed packet to be restored and based on compressed data included in the compressed packet to be restored;

setting the predetermined transmission data in the uncompressed packet as an initial value of the update information; and

subsequently updating the update information to information included in transmission data restored from a specific compressed packet each time when the transmission data from the specific compressed packet is restored, such that the update information is not updated when the compressed packet other than the specific compressed packet is received.

Claim 80 (Previously Presented) The data reception method of Claim 79, wherein the update information is in a header portion of a packet unit.

Claim 81 (Previously Presented) The data reception method of Claim 79, wherein said subsequently and continuously receiving of the compressed packets comprises receiving the specific compressed packet at a predetermined interval.

Claim 82 (Previously Presented) The data reception method of Claim 79, wherein said subsequently and continuously receiving of the compressed packets comprises receiving the specific compressed packet every time a predetermined number of compressed packets are received.

Claim 83 (Previously Presented) A data reception apparatus for receiving, from a transmitting end, data transmitted in packet units, said data reception apparatus comprising:

a reception unit operable to receive an uncompressed packet in which predetermined transmission data is stored as uncompressed data, and subsequently operable to continuously receive compressed packets in which at least a portion of transmission data, following the predetermined transmission data, is compressed and stored as compressed data;

a restoration unit operable restore transmission data from a compressed packet to be restored, the transmission data being restored based on update information relating to a packet that is received prior to receiving the compressed packet to be restored and based on compressed data included in the compressed packet to be restored; and

a unit operable to:

set the predetermined transmission data in the uncompressed packet as an initial value of the update information; and

subsequently update the update information to information included in transmission data restored from a specific compressed packet each time when the transmission data from the specific compressed packet is restored, such that the update information is not updated when the compressed packet other than the specific compressed packet is received.

Claim 84 (Previously Presented) The data reception apparatus of Claim 83, wherein the update information is in a header portion of a packet unit.

Claim 85 (Previously Presented) The data reception apparatus of Claim 83, wherein said reception unit is operable to receive the specific compressed packet at a predetermined interval.

Claim 86 (Previously Presented) The data reception apparatus of Claim 83, wherein said reception unit is operable to receive the specific compressed packet every time a predetermined number of compressed packets are transmitted.